

IN THE CLAIMS

The status of each claim in the present application is listed below.

1. (Previously Presented) A lubricating oil additive comprising a reaction product of a succinimide compound and a phospho sulfurized hydrocarbon compound.

Claim 2: (Canceled).

3. (Previously Presented) A lubricating oil additive as recited in Claim 1, wherein the phospho sulfurized hydrocarbon compound has a structure in which two alkyl groups are bonded to a phosphorus atom.

Claim 4: (Canceled).

5. (Previously Presented) A lubricating oil additive as recited in Claim 3, wherein the alkyl groups have 2 to 25 carbon atoms and which may have an ether bond and/or a thioether bond.

6. (Previously Presented) A lubricating oil composition comprising a mineral oil and/or a synthetic base oil, and a lubricating oil additive according to Claim 1.

7. (Original) A lubricating oil composition as recited in Claim 6, wherein the composition is used for a transmission having a wet clutch or a wet brake.

8. (Original) A lubricating oil composition as recited in Claim 6, wherein the composition is an automatic transmission fluid or a continuously variable transmission fluid.

Claims 9 and 10: (Canceled).

11. (Previously Presented) A lubricating oil additive as recited in Claim 1, wherein the phospho sulfurized hydrocarbon compound is the reaction product of an olefin and a phosphorous sulfide.

12. (Previously Presented) A lubricating oil additive as recited in Claim 11, wherein the olefin is propylene, butylenes, isobutylene, decene, cetene, octadecene, a terpene, vinylnorbornene or camphene and the phosphorous sulfide is  $P_2S_3$ ,  $P_2S_5$ ,  $P_4S_7$  or  $P_4S_{10}$ .

13. (Previously Presented) A lubricating oil additive as recited in Claim 11, wherein the olefin is  $\alpha$ -pinene and the phosphorous sulfide is  $P_2S_5$ .

14. (Previously Presented) A lubricating oil composition as recited in Claim 6, which comprises 0.01 to 50 % by mass of the lubricating oil additive.

15. (Previously Presented) A lubricating oil composition as recited in Claim 6, which comprises 0.1 to 20 % by mass of the lubricating oil additive.

16. (Previously Presented) A lubricating oil composition as recited in Claim 6, which comprises mineral oil.

17. (Previously Presented) A lubricating oil composition as recited in Claim 6, which comprises the synthetic oil.

18. (Previously Presented) A lubricating oil composition as recited in Claim 6, wherein the base oil has a kinematic viscosity at 100°C is 1 to 30 mm<sup>2</sup>/s.

19. (Previously Presented) A lubricating oil composition as recited in Claim 6, wherein the base oil has a kinematic viscosity at 100°C is 2 to 20 mm<sup>2</sup>/s.

20. (Previously Presented) A lubricating oil composition as recited in Claim 6, wherein the base oil has a kinematic viscosity at 100°C is 3 to 10 mm<sup>2</sup>/s.

21. (Previously Presented) A lubricating oil composition as recited in Claim 6, wherein the base oil has a %C<sub>A</sub> of 20 % or less.

22. (Previously Presented) A lubricating oil composition as recited in Claim 6, wherein the base oil has a %C<sub>A</sub> of 10 % or less.

23. (Previously Presented) A lubricating oil composition as recited in Claim 6, which is a automatic transmission fluid or a continuously variable transmission fluid.

24. (New) A lubricating oil additive as recited in Claim 1, wherein the phospho sulfurized hydrocarbon compound is produced using a phosphorous sulfide selected from the group consisting of P<sub>2</sub>S<sub>3</sub>, P<sub>2</sub>S<sub>5</sub>, P<sub>4</sub>S<sub>7</sub> and P<sub>4</sub>S<sub>10</sub>.

25. (New) A lubricating oil additive as recited in Claim 3, wherein the phospho sulfurized hydrocarbon compound is the reaction product of an olefin and a phosphorous sulfide.